

PTO/SB/08A (08-03)

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 3

**Complete if Known**

Application Number	10/723,042
Filing Date	26 November 2003
First Named Inventor	XIE, Jinchun
Art Unit	1645
Examiner Name	Not Yet Assigned
Attorney Docket Number	NLP-0202-US

**U. S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
E	1	US- 5,553,616	09-10-1996	HAM et al	
	2	US- 5,615,673	04-01-1997	BERGER et al	
	3	US- 5,754,289	02-09-1999	OZAKI et al	
	4	US- 5,870,188	05-19-1998	OZAKI et al	
	5	US- 6,181,957B1	01-30-2001	LAMBERT et al	
	6	US- 6,289,230B1	09-11-2001	CHAIKEN et al	
	7	US- 6,292,686B1	09-18-2001	CHAIKEN et al	
	8	US- 6,389,306B1	05-14-2002	CHAIKEN et al	
	9	US- 20050027176A1	02-03-2005	XIE	
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**FOREIGN PATENT DOCUMENTS**

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		Country Code <sup>3</sup> Number <sup>4</sup> Kind Code <sup>5</sup> (if known)				

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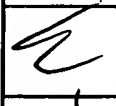
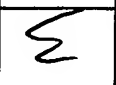
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Sheet <b>2</b> of <b>3</b>	Application Number	10/723,042
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	Attorney Docket Number	NLP-0202-US

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	10	DOU, Xiamong et al, "Biological Applications of Anti-Stokes Raman Spectroscopy...", Applied Spectroscopy, Vol. 50, No. 10, p1301-06, 1996	
	11	DOU, Xiamong et al, "Quantitative Analysis of Metabolites in Urine by Anti-Stokes Raman...", Biospect, Vol. 3, p113-120, 1997	
	12	ZIERLER, Kenneth, "Whole Body Glucose Metabolism," American Journal of Physiology, Vol. 276, pE409-E426, 1999	
	13	COTÉ, Gerard L., "Noninvasive and Minimally-Invasive Optical Monitoring Technologies," Journal of Nutrition, American Society for Nutritional Sciences, Vol. 0022-3166/01, 2001	
	14	HANLON, E.B. et al, "Prospects for in vivo Raman Spectroscopy," Phys. Med. Biology, Vol. 45, pR1-R59, 2000	
	15	BERGER, Andrew J. et al, "Multicomponent Blood Analysis by Near-Infrared Raman Spectroscopy," Applied Optics, Vol. 38, No. 13, p2916-2926, 1999	
	16	ENEJDER, Annika M.K., et al, "Blood Analysis by Raman Spectroscopy," Optics Letters, Vol. 27, No. 22, 2002	
	17	FARIA, D.L.A. et al, "Raman Spectra of Human Skin and Nail Excited in the Visible Region," Journal of Raman Spectroscopy, Vol. 30, p169-171, 1999	
	18	BARAGA, Joseph J., et al, "Rapid Near-Infrared Raman Spectroscopy of Human Tissue with a Spectrograph and CCD Detector," Applied Spectroscopy, Vol. 46, No. 2, 1992	
	19	Chaiken, Joseph, et al, "Noninvasive Blood Analysis by Tissue Modulated NIR Raman Spectroscopy," Proceedings of SPIE, Vol. 4368, 2001	

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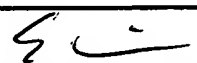
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Sheet 3	of 3	Attorney Docket Number	NLP-0202-US

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Σ	20	GELADI, Paul, et al, "Partial Least-Squares Regression: A Tutorial," Analytica Chimica Acta, vol. 185, p1-17, 1986	
	21	GOETZ, Marcel J. Jr., et al, "Application of a Multivariate Technique to Raman Spectra...", IEEE Transactions on Biomedical Engineering, Vol. 42, No. 7, 1995	
	22	WOLFRAM-GABEL, R. et al, "Vascular Networks of the Periphery of the Fingernail," Journal of Hand Surgery, British & European Vol. 20B, p488-492, 1995	
	23	MASCARO, Stephen A., et al, "Understanding of Fingernail-Bone Interaction and Fingertip Hemodynamics...", 10th Symposium on Haptic Interfaces, p106-113, 2002	
	24	MASCARO, Stephen A. et al, "Photoplethysmograph Fingernail Sensors for Measuring Finger Forces...", IEEE Transactions on Robotics and Automation, Vol 17, No. 5, p698-708, 2001	
	25	BRANDENBURG, K., et al, "Vibrational Spectroscopy of Carbohydrates and Glycoconjugates," Handbook of Vibrational Spectroscopy, Vol. 5, p3481-3507, 2000	
	26	OHMI, Masato, et al, "In Vitro Simultaneous Measurement of Refractive Index and Thickness...", IEEE Transactions on Biomedical Engineering, Vol. 47, No. 9, p1266-1270, 2000	
	27	MATHLOUTHI, Mohamed, et al, "Vibrational Spectra of Carbohydrates," Advances in Carbohydrate Chemistry and Biochemistry, Vol. 44, p7-89, 1986	
Σ	28	WILLIAMS, A.C., et al, "Raman Spectra of Human Keratotic Biopolymers: Skin, Callus, Hair and Nail," Journal of Raman Spectroscopy, Vol. 25, p95-98, 1994	

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Z	29	US- 4,281,645	08-04-1981	JOBSIS	
	30	US- 5,222,496	06-29-1993	CLARKE et al	
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	36	<del>International Search Report for PCT application No. PCT/US04/25058</del>	

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